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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. AST-4B-PCT-US Total Pages

First Named Inventor or Application Identifier

Daniel Armstrong

Express Mail Label No.

EL069250572US

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification [Total Pages 65]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3.  Drawing(s) (35 USC 113) [Total Sheets 4]
4. Oath or Declaration [Total Pages 2]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6.  Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & document(s))  
9.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14.  Small Entity  Statement filed in prior application,  
Statement(s)  Status still proper and desired
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Other: .....

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 08/851,485

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  Correspondence address below  
(Insert Customer No. or Attach bar code label here):

NAME	Donald C. Lucas Bierman, Muserlian and Lucas			
ADDRESS	600 Third Avenue			
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COUNTRY	US	TELEPHONE	212-661-8000	FAX 212-661-8002

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of Patents and Trademarks, Washington, D.C.  
20231.

Nov. 6, 1998  
S. Nakonecny  
(Signature of person mailing paper or fee)

**FEE TRANSMITTAL**

TOTAL AMOUNT OF PAYMENT (\$)

483.00

Employee # Known	
Application Number	
Filing Date	
First Named Inventor	Daniel Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	AST-4B-PCT-US

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

02-2275

Deposit  
Account  
NameBierman, Muserlian and  
Lucas

Charge Any Additional  
Fee Required Under 37  
CPR 1.16 and 1.17       Charge the same Fee Set in 37  
CPR 1.16 at the Rating of the  
Name of Attorney, 37 CFR  
1.31(b)

2.  Payment Enclosed:

Check     Money  
Order     Other

**FEE CALCULATION** (fees effective 10/01/96)**1. FILING FEE**

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 770	201 386	Utility filing fee	395.00
106 320	206 180	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 386	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 395.00)

**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
24 - 20 = 4	X	22	88.00
Independent Claims	2 - 3 = 0	X	
Multiple Dependent Claims		X	

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 22	203 11	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim
109 80	208 40	Reissue independent claims over original patent
110 22	210 11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 88.00)

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 85	Surcharge - late filing fee or cash	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,480	147 2,480	For filing a request for reexamination	
112 300	112 300	Requesting publication of SIR prior to Examiner action	
113 1,780	113 1,780	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 300	216 180	Extension for response within second month	
117 300	217 405	Extension for response within third month	
118 1,470	218 735	Extension for response within fourth month	
119 300	219 150	Notice of Appeal	
120 300	220 180	Filing a brief in support of an appeal	
121 280	221 130	Request for oral hearing	
138 1,470	138 1,470	Petition to institute a public use proceeding	
140 110	240 85	Petition to revive unavoidably abandoned application	
141 1,230	241 645	Petition to revive unjustifyably abandoned application	
142 1,230	242 645	Utility issue fee (or release)	
143 440	243 220	Design issue fee	
144 650	244 325	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 230	128 230	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (three number of properties)	
146 770	248 385	Filing a submission after final rejection (37 CFR 1.128(a))	
148 770	248 385	For each additional invention to be examined (37 CFR 1.128(b))	
Other fee (specify) _____			
Other fee (specify) _____			

SUBTOTAL (3) (\$ )

Reduced by Basic Filing Fee Paid

**SUBMITTED BY**Typed or  
Printed Name

Donald C. Lucas

Complete (if applicable)

Reg. Number

31,275

Signature

Donald C. Lucas

Date

11-6-98

Deposit Account

02-2275

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